

C-A OPERATIONS PROCEDURES MANUAL

<u>HPC No.</u>	<u>Date</u>	<u>Page Nos.</u>	<u>Initials</u>
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12.29 TtB to Target Room Check List

1. Purpose

The purpose of this procedure is to define the sequence of activities required to change from TtB operation to Target Room operation.

2. Responsibilities

It is the responsibility of the person or persons executing this procedure to observe all safety rules.

3. Prerequisites

The person or persons executing this procedure shall have all formal training required of a TVDG Operator.

4. Precautions

No special precautions are required.

5. Procedure

Checklist

Initial each step as it is completed.

- 5.1 _____ Lock out 11DH02. See [C-A-OPM 12.20 "11DH02 Lockout Tagout Form"](#) for instructions.
- 5.2 _____ Lock out the 11DH01 Magnet power supply. See [C-A-OPM 12.8 "Lockout-Tagout"](#) for details.
 - 5.2.1 Reconnect the 11DH01 Magnet power supply output cables to the HVEC Analyzer Magnet.
 - 5.2.2 Make sure that Klixon Interlock Control selector switch in the base cabinet of the HVEC Magnet is in the HVEC position.
- 5.3 _____ Check to see that Tandem HE Zone will set.
- 5.4 _____ Close TtB Vacuum Valve 10VP030.
- 5.5 _____ Set HVEC Object Slits at 75 square.
- 5.6 _____ Set TtB Object Slits at 20mm square.

- 5.7 _____ Connect Slit Amplifiers to HVEC Image Slits.
- 5.8 _____ Disconnect the object foil oscillator from the stepper motor controller and reconnect the image slits to the stepper motor controller.
- 5.9 _____ Make sure that the object foil is a blank if applicable, and the oscillator is centered.
- 5.10 _____ Install the Preaccel Aperture in the NII.
- 5.11 _____ Make sure that the HV power for the Chopper Power Supply is OFF.
- 5.12 _____ Set Electrostatic Deflection Steerer dials to 500/500
- 5.13 Date Completed: _____ Supervisor Approval: _____

6. Documentation

- 6.1 _____ completed checklist shall be maintained in the TVDG Control Room.
- 6.2 _____ The “_____” (lines) in the procedure are for place-keeping only. This procedure is not a record.

7. References

- 7.1 _____ [C-A-OPM 12.20, “11DH02 Lockout Tagout Form”](#).
- 7.2 _____ [C-A-OPM 12.8, “Lockout Tagout”](#).

8. Attachments

None